

09/914248

-14-

ABSTRACT OF THE DISCLOSURE

5 A housing for an implantable tissue stimulating device is connectable to an electrode lead having an electrode. A portion of the housing also functions as an electrode. The walls of the housing are shaped so that when a voltage is applied between the electrode at the electrode lead, and the housing electrode, the electric field associated with the voltage has a low field strength in regions at which unwanted stimulation of muscles can occur.